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Daniel G. Radler, Reg. No. 43,028

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Thundat et al.

Serial No.: 10/077,633

Filed: February 15, 2002

For: Photoelectrochemical Molecular Comb

Attorney Docket No.: 920976.90172

Group Art Unit: 1753

Examiner: Brian L. Mutschler

REPLY TO JUNE 11, 2004 OFFICIAL ACTION

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This is a Reply to the June 11, 2004 Official Action for the above-captioned U.S. patent application.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 4 of this paper.

Amendments to the Drawings begin on page 11 of this paper and include both an attached replacement sheet and an annotated sheet showing the drawing changes.

Remarks begin on page 12 of this paper.

An **Appendix A and B** including a marked up copy and a clean copy of the amended specification is attached following page 15 of this paper.